

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Brian K7ON Short <ke7gh@primenet.com>
Subject: [16096] (NorCal) Sierra Construction Begins
Message-ID: <3.0.1.32.19970330211502.006d4178@mailhost.primenet.com>

** SIERRA CONSTRUCTION NOTES **

Greetings,

Finally got around to unpacking the NorCal Sierra kit.
While a complete inventory has not been completed, it
all seems to be there and was all packaged very nicely.

The case is drilled, but unpainted. I'm going to need
help with painting advice and other cabinet finishing
details. Something here for me to learn.

The circuit board is NorCal Rev B. I think that is good?

The 80, 40, 20, 15m band modules and 2 blanks are all there.

A bag of knobs, hardware, and the tuning capacitor was found.

Lastly, the bag of PCB parts including toroid cores and wire.
This bag has been emptied in anticipation of PCB assembly.

To be honest, it does not appear nearly as intimidating as
first thought. Stuffing the board seems pretty simple, but
I *will* use IC sockets (against other advice).

My QRPp back issues were received yesterday and I'm still in
the process of reading. My present tendency is to build as
sent as much as possible and later install the well documented
modifications in the literature. However, does ANYONE have a
recommendation about "must-build" items to include initially?

Otherwise, items will be modified and meticulously documented
after initial testing. (Likely to take a loooong time!)

Disclaimers:

- 1) this is the original NorCal kit (not Wilderness) -like the
ARRL Handbook construction project
- 2) don't judge assembly time by me as I am *VERY* slow at these
things and often skip a day or such building an hour or less
at a time (they usually do work after, though)
- 3) it will be easy for me to post step-by-step pictures of my
progress on WWW if anyone has interest

I certainly don't want to bore anyone, but this is my first multi-band transceiver project and I approach it as a learning process not a race to stuff boards and wind toroids. If acceptable, I will share this experience?

Would it be practical to consider having it ready on 20/40m for QTTF?

OTHER

Many have responded about the Sept 1997 "SGC/Index Group Buy." I will contact SGC with a proposal, but realize there may be increased interest as time progresses. Certainly this advance notice can be used to save up for this rather large purchase. I am aware that we are planning well in advance, but that is *MY* preferred mode! No money etc will change hands until some of the variables are eliminated (obviously). We have time on our side here.

73, Brian k7on@qsl.net

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: Pete Rossi <wa3nna@resuba.com>

Subject: [16068] 20 METER BEACON IS ON!!

Message-ID: <199703301303.IAA32072@resuba.com>

The beacon is on, now, as of about 1235Z (7:35 AM EST)

- - - - -

Later this spring, I plan to run full-weekend a QRP beacon on 20 meters much like the previous beacons run on 80 and 40 meters.

As a prelude to this, I am planning to run a short test beacon this weekend on Easter Sunday - March 30 1997.

The purpose of this beacon is to get a feel for how well the power levels can be heard so I can pick the most effective power levels to use for the full-weekend beacon that will be run - probably sometime in April.

----- WA3NNA/B 20 METER QRP TEST BEACON ANNOUNCEMENT -----

START TIME : 1300 UTC Sunday 30 MAR 1997 (8 AM EST Sunday morning)

END TIME : 0100 UTC Monday 30 MAR 1997 (8 PM EST Sunday evening)

FREQUENCY : 14062 KHz

OUTPUT POWER : Power will cycle though 5 different levels, 2 minutes at each power level; 4 minutes at the 200 uW level.

----- MINUTES PAST THE HOUR -----					POWER LEVEL
00-02	12-14	24-26	36-38	48-50	2 W
02-04	14-16	26-28	38-40	50-52	200 mW
04-06	16-18	28-30	40-42	52-54	20 mW
06-08	18-20	30-32	42-44	54-56	2 mW
08-12	20-24	32-36	44-48	56-60	200 uW

Each level represents a 10 dB drop from the higher level.

These times should be very accurate, however, keep in mind that the power level will not change to the next level until the previous message has finished sending.

LOCATION : Newtown Square PA FM29hx (about 15 miles west of Philadelphia)

MESSAGE : VVV VVV xx MW <4_letter_code_word> DE WA3NNA/B QRP
Sent at aprox 15 WPM. Unique codeword for each power level.
The codeword will be repeated TWICE at the 200 uW level.

ANTENNA : Tri-band rotatable dipole @ 70' oriented for 65/245 degrees.
Nulls off the end will be at 155/335 degrees.

REPORTING : Please send all beacon reports to BEACON@pete.resuba.com

Detailed signal reports, receiver and antenna info, etc are very much appreciated but PLEASE do not bury your codeword reports inside a lot of lengthy text. It takes forever to extract the information that way.

So, PLEASE include a separate text block with your report containing the following information for the lowest power level copied:

YOUR CALL & NAME
YOUR LOCATION
CODEWORD & POWER LEVEL
DATE/TIME
SIGNAL REPORT

Canadian and other DX stations, please send mailing address + long/lat coordinates of your location.

Certificates acknowledging the lowest power level at which you correctly copy the codeword will be available following the full weekend beacon session that will follow. In other words, a separate batch of certificates will not be run for this beacon session, however, they will be included in the next batch. This may change depending on the number of reports received.

Please spread the word about this beacon through whatever means available.

OK West Coast and DX, this is your chance to out shine the East Coast regulars on 80 and 40!

Good luck & 73,

Pete Rossi - WA3NNA QRP-L #459
wa3nna@pete.resuba.com
beacon@pete.resuba.com

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Mark Gaponoff <gaponoff@macconnect.com>
Subject: [16090] 38S Fried Chicken Hunt
Message-ID: <103020900af6450efdbce@[206.80.181.154]>

Folks,

I got my 38S built to breadboard/smoke test stage last weekend (along with several TenTec SW kits for the Boy Scouts, but that's another story...). It powered up and ran fine, with some minor tweaking, except for one problem...

There was a nearly continuous moderate level crackling noise (like chicken frying) in the receiver. This was independent of RF gain, power supply, or rig location. After much effort I was able to track it down.

I built the 38S with C26 = 330uF, 3 extra wraps around L1 for tuning range, and an audio taper pot for P2 (but unfortunately, reverse range, so I tune low-hi CCW!). Otherwise stock at this point. I do have the "thump".

In tracking down the "fried chicken", I revisited all the solder joints, cleaned up the flux some, and reseated

all the IC's (all socketed, yes, tin sockets), and even swapped NE602's. No effect.

I tapped around (non-conducting tapper, of course) to find anything loose, and found C18 very sensitive. (This sensitivity to physical vibration is called microphoning.) I replaced C18 with a junk-box ceramic .1uF, and it got worse! I then put in a relatively HUGE molded higher voltage cap, and the "microphoning" went away. The fried chicken did not.

I hooked up my rather mediocre oscilloscope and tracked the fried chicken back through the audio circuit through C15. Square wave-like thrashing between 2 voltage levels, ~4 mV. I swapped C34, C14, C15, put .1uF between pins 4&8 of U4, again to no effect. I then noticed it on the key jack, and then chased it to the +8V supply!

I then took out the IC's one by one and powered up, and STILL had the fried chicken. Well, I happened to have a 7808 in my junk box, so I replaced VR1 (the *V regulator, and YIPEEEE!!! Fried chicken all gone! Buuurrrp. Phew.

Now I can go back to adding mods, stopping the Thump, putting the rig in a box, and getting on the air! The fried chicken chase ate almost a week of spare time...

If you hear me out there, QRS a bit, my CW is pretty rusty, but it'll pick up after a few rag chews...

72's, (and Norcal, THX!, the 38S is finger-lickin' good!)

--Mark

-- Mark Gaponoff (gaponoff@macconnect.com) 73's de KJ7EM.

"Life has meaning, but a poor signal-to-noise ratio."

-- Ann Gaponoff (gaponoff@macconnect.com)

"Si hoc legere scis, nimium eruditionis habes."

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: Wayneb1103@aol.com

Subject: [16061] 38S in need

Message-ID: <970330002723_-1403588029@emout15.mail.aol.com>

My 38S is still feeling poorly. At pin 11 U4A I get 10.1 out on the freq counter and a decent sine wave but on pin 12 the counter shows 8.8MHz. Since I won't see another U4 until next tuesday I went to the receiver side.

All the required voltages check out except for the banded sides of D1 and D2. Here I have 5V on receive (8V on transmit). According to the information found on the list that point should be zero volts. I am reading the voltage from the banded side of D1/D2 to ground. I checked and found no short from this point to ground.

The diodes check ok forward and reversed bias (in circuit) and I show 1.3K from the banded side of D1/D2 to U2/5,6 U4/7 and banded side of D7.

Voltages to ground for U2/5,6 and U4/7 are in the mV range on receive.

I have the tick mod installed and its working quite well.

Anybody been here before?

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [16076] Back At Last
Message-ID: <199703301601.IAA08860@sierra.psnw.com>

Hi,

Back from a week in "God's country" (No, I wasn't behind the comet). We were in Ore. and had terrible QRP-L withdrawal symptoms. Eleven hours on the road, 10 pm walked though the door...XYL unpacking car...me, I'm SUBSCRIBING so as not to miss any late night postings....I think I need help....What threads did I miss?

Jay, W6JDB

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Genevieve A. Winkler" <GDWinkler@compuserve.com>
Subject: [16039] bad day for 38S
Message-ID: <199703291949_MC2-1375-9582@compuserve.com>

Hi Steve,

Just read your post of a few days ago. (I'm about a week behind, and falling further behind each day). FB on fixing the drooping power

output of your 38S. Unfortunately, I think you probably replaced L2 unnecessarily.

All posts all indicate that TC2 tuning is very critical, ie the tank on the input side of TR1 (transmitter pre-driver) has to be right on the money. L2 is wound on a T37-2 core. That "2" material has a decided negative temperature coefficient. I think when you cooled it with the spray, you detuned the tank, causing the power output to fall off.

I am only guessing here, but I bet if you put L2 in an oscillator circuit, and spray it, the oscillator will jump in frequency by many KHz. What I find surprising is that C22 (which is also part of the above-mentioned tank) did not also test "bad" with cooling. I guess those little 100pf ceramic caps must be NP0s, although mine are not marked so. The code for an NP0 is a black stripe at the top. BTW, they are not En Pee Ohs, as I always thought, but En Pee Zeros (Negative/Positive Zero, get it?)(I didn't for the longest time!).

Aren't these rigs great for learning stuff!! Partly it is the rig itself, and partly the fact that there's 1000 of us out here futzing with these things all at once.

72 Dan Winkler N7IVR Seattle WA

>... thanks to Chuck, Jim, Bob, Ron and the others who spent all
>the time reading my msgs/crys for help with the 38s declining pwr out.
>Ended up replacing L2 and C25. Had a nice clean 3.5 watts out steady(!)
for
>over an hour. Had replaced lots of parts but it was the freeze spray that
>showed what I think were the bad parts ...

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [16036] balun winding help
Message-ID: <199703300019.TAA24425@bbs.mpcs.com>

hi gang.

i have an ft50-43 core which i want to use for a balun just like the one] used in the slt. i need 12 turns of #26 wire which i can't fine in my wire supply
but i do have #24. my question is how many turns of #24 wire would i need to duplicate the slv balun...

Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

```
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
|                      WI                                           |
|-----|
```

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [16070] balun wire size
Message-ID: <199703301352.IAA09181@bbs.mpcs.com>

thanks to all who responded to my question regarding wire size vs number
of turns.

what a great group...

Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

```
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
|                      WI                                           |
|-----|
```

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [16056] beacon
Message-ID: <9703300510.AA17987@rgfn.epcc.Edu>

Well, I have been trying to hear the Miss ouri beacon - no luck.
Here in West Texas, Far West Texas, there has been a dumb packeteer on

there
for the past 5 ours, at least. When it seems to momemtarily stop,
I have a what sounds like an industrial sputterer wiping out 7030 to
7040. Oh well. M Maybe next time.
Ray

--

Ray Colbert, W5XE, SOWP 1064M, 00TC 3618, FISTS 2146
El Paso, Tx

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: kc4mhm@juno.com (ed miller)
Subject: [16052] Commands
Message-ID: <19970318.170252.7631.2.KC4MHM@juno.com>

To The Gang:

I will not have access to this computer for two days and was
wondering if JUNO will hold two days of postings? If not then what is the
difference between POSTPONE and UNSUSCRIBE.

thanks & 73 Ed KC4MHM@juno.com

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [16067] CQrp Easter Beacon Time Extended
Message-ID: <199703301200.HAA21352@mail1.infinet.com>

Hi Gang:

I have received quite a few succesful Easter Beacon Copy reports. Thanks
to all who have submitted their copy so far. Your certificates will be
mailed within ten days.

I have decided to extend the beacon for a few more hours.

The beacon will be transmitted until 7:00 AM Eastern time (12:00z) on
Monday 3/31 .

This will give the west coast stations that have partial copy of the
beacon one more night to try and "pull the signal out of the mud". I am
amazed how far the 50mw has gone!! A Station from California had about
60 percent copy! Wow!! Not to bad from Columbus, Ohio on 50mw.

Frequency: 7033.3
Power out: 50mw

Antenna: Coax fed Windom dipole up 30
Beacon Call sign: KC8FUM (Columbus QRP Club)

Beacon Content: 70 second message followed by a brief pause.
Copy the message, send to me via email and
receive a CQrp Beacon Copy Certificate.
Even if you only get partial copy, please let me know.
Beacon Starts with VVV VVV EB EB EB KC8FUM

Gud Luck

Best 72/3

Len

KG8SF

len@infinet.com

KG8SF@key.com

QRP-L # 841 CQrp # 2 ARCI # 9025 FISTS # 2134

HF Digital Communications - CW/Pactor/G-Tor/RTTY/Amtor

CHARTER MEMBER - THE COLUMBUS QRP CLUB - *CQrp*

Web Page: <http://www.infinet.com/~len>

QRP Homebrew Rigs = OHR 400, S&S TAC-1, NORCAL 38S, SWL GM-15,
Kanga Any Band Xmitter, Bare Essential 50c5 Xmitter

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Genevieve A. Winkler" <GDWinkler@compuserve.com>
Subject: [16074] DWink Postponed
Message-ID: <199703301003_MC2-1374-5EE6@compuserve.com>

Hi Gang.

Compuserve is not up to the list. Can't keep up.
Postponed. I am mass deleteing all msgs for
past 3 days to relieve compuserve's constipation.
Back if / when I figure out how to get re-installed
Juno to dial the correct number.

I will attempt digest form.

Dan Winkler N7IVR Seattle WA
GDWinkler@compuserve.com

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: n4so@juno.com
Subject: [16062] DX callsigns
Message-ID: <19970330.012731.5223.4.N4S0@juno.com>

During contests there can be many unusual callsigns which are not in the DXCC Lists.
These callsigns are from a list of international callsign assignments. The list is called Table of Allocation of International Callsigns.

Ken Brown , N4S0
QTH: Nr Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [16066] DX posting!
Message-ID: <199703300800.DAA25691@smtp1.erols.com>

S0A (S zero A) is calling CQ on 7.010 with no takers
at 7050 utc. QTH Western Sahara QSL mgr is ea2jg
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.
38 special at 300mw

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: banderso@edcen.ehhs.cmich.edu (Bruce Anderson)
Subject: [16072] First "real" 38S contact
Message-ID: <m0wBLmS-000RVhC@edcen.ehhs.cmich.edu>

'Just finished building my 38 Special a couple of days ago.
I have added the Tick keyer but not made the 5-watt mod, since I

somehow lost the toroid core necessary for this. ('Anyone know where I can get a replacement without paying an arm and a leg for shipping and handling?) I soon discovered that the receiver on this little rig is remarkably good, the Tick keyer works like a gem, and that a couple of friends within five miles from me could hear my signal, but what about a "real" QSO? Could 350 milliwatts be heard beyond the county line?

This morning I found out when I caught W1FZY in Athol, MA, at the tail end of his QSO. I was "just above the noise" at his end, but at least he could tell that I was there and copy my call sign correctly! (I've just now calmed down enough to write this.) :-) I guess my antenna tuner/center-fed Zepp combination doesn't just soak up *all* the RF sent to it, after all. When the snow melts (we're still waist-deep here), I'll be putting up a 30-meter dipole (or maybe even a full-wave loop) to see what this little rig can really do.

Is anyone else out there using the 38S in its original configuration and, if so, what kind of results are you getting?

72

Bruce, KG8YT
Marquette, MI

--

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: deshelton@juno.com (David E Shelton)
Subject: [16097] FS: OHR WM-1 Wattmeter for 0-10 watts
Message-ID: <19970330.163441.9702.0.deshelton@juno.com>

FS: WM-1 perfect condition with manual and dummy load.
\$75 OBO.
reply via e-mail or phone 502-493-9088

73,
David, KE4FPS

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [16104] FS: OHR WM-1 Wattmeter for 0-10 watts
Message-ID: <970330225457_70511.3041_IHD39-1@CompuServe.COM>

David:

I will buy the WM-1. Please let me where to send the M.O. tomorrow.
Please also send your address and phone number.

TKS es 72/73,

--Doc/K0EVZ qrp-l 861 MN-QRP 19 NJ-QRP 69 AK/QRP 139 Norcal CQC ARRL

P.S. I am posting this "private" e-mail on the QRP-L reflector, in the hope you might see it. All replies I have been sending to Juno addresses are being returned as "undeliverable."

P.P.S. If you are a friend of David, please let him know I am interested in buying this WM-1. TKS. My phone is 507-282-3636 (w) or 507-289-5108 (h).

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: ckrelic@bellatlantic.net
Subject: [16105] FS: Wattmeter
Message-ID: <333EF3C5.1DB3@bellatlantic.net>

Diamond SX-200 5, 20, 200 watt scales avg and pep reading,
lighted meter face. MINT & Great for qrp wrk.
Will ship lower 48 for \$55 Curt/Ka3ivb

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: ke4fps@juno.com (David E. Shelton)
Subject: [16065] FS: WM-1 QRP Wattmeter
Message-ID: <19970330.014618.15390.0.KE4FPS@juno.com>

FS: OHR WM-1 QRP Wattmeter newly completed kit including dummy load.
\$75 or best offer.

73 es CUL from:

David E. Shelton, RN, BSN, OCN

Amateur Call: KE4FPS

FISTS #2103 ARCI #9079 QRP-L #142

ke4fps@juno.com Packet Radio KE4FPS@WD9AGK.#SIN.IN.USA.NA

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [16084] FS: WM-1 QRP Wattmeter
Message-ID: <970330184013_70511.3041_IHD60-1@CompuServe.COM>

David:

JUN0 keeps returning my response to you'

>>David:

>>> FS: OHR WM-1 QRP Wattmeter newly completed kit including dummy load.
\$75 or best offer.

73 es CUL from:
David E. Shelton, RN, BSN, OCN
Amateur Call: KE4FPS <<

Will gladly buy the WM-1 if still FS. I have to buy completed kits,
having only the use of one arm. Would you sell it for \$70.00 including
shipping?

Please advise. Would send my bank MO tomorrow.

TKS es 72/73,
--Doc/K0EVZ qrp-1 861 <<

Sure hope this one gets to you. Please send a phone number, if necessary,
and I will call you to arrange purchase.

72/73,
--Doc/K0EVZ qrp-1 861

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Kr0i1@aol.com
Subject: [16102] FY5YE on 14.025 now
Message-ID: <970330174811_-569135122@emout09.mail.aol.com>

Just worked FY5YE with 5 watts with no problem. He's
giving a US QSL manager W5IV

72/73 de Mac KR0I QRP-L #1037

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w8lrm@qtm.net
Subject: [16088] Heathkit TNC (Still in kit form)
Message-ID: <199703301929.0AA28791@garcon.qtm.net>

FOR SALE...(So i can buy more QRP goodies)

This is the kit equivalent to the PK-232 TNC. I have one of these still in the original box. UNASSEMBLED !! The kit is complete.

With it I have the supplemental technical manual and the Plug-In Mailbox adaptor. Items were opened to check but never used.

The HK-232 kit sold for.....	\$279.95
MBX Adaptor.....	49.95
Tech manual.....	29.95
Total was.....	\$359.95
	(Plus shipping)

I will sell all for.....\$275.00 Plus shipping within
the lower 48 states.

Thanks

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [16092] High windssssssssssss....
Message-ID: <19970330.122844.10462.0.w7rfm@juno.com>

Hi gang

High winds have forced me to take my antennas down for a while. Hope to be back up later on this afternoon. Wx moving into Wa. Gust of up to 50 knots.

Sure hope this passes fast.

John W7RFM

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [16064] I have a new web page, check it out!!
Message-ID: <199703300621.BAA21999@smtp1.erols.com>

Hello Group,

I have a new QRP related web page, please check it out
if you have some spare time.

<http://www.erols.com/ke3nv/>

..
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.
38 special at 300mw

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Owen Nelson <owen@tarimar.com>
Subject: [16050] IRF510. Which one?
Message-ID: <333DDA86.2FC2@tarimar.com>

Hi gang,
I was looking through my Mouser catalog today in preperation for
sending in an order and decided to get an IRF510 for my 38 Special
at the same time.
I found THREE listings for it.
Can someone please let me know which is the corrcet one?

- 1: T0220 Power MOSFET 100V 4A
- 2: T0220AB Power MOSFET 100V
- 3: T0220AB N-CH MOSFET 5.6A 100V

Thanks for the help,

Owen - KB7UXP

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [16071] LDG auto-tuner inside OHR400???
Message-ID: <8D4F1DC.0004001C65.uuout@cheaha.com>

Regarding Scott's LDG group purchase.....

-> QRP tuners\$85 (reg \$100)

I'm going to be putting together an OHR400 soon (seems I've been saying this for a while!) and I'm wondering if some of ya'll have installed the LDG QRP tuner inside the OHR400. Problems? Room? Feedback welcome!

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [16048] LDG auto-tuner madness!
Message-ID: <Pine.3.89.9703292103.A32008-0100000@w3eax.umd.edu>

10 orders so far, keep 'em coming!

ANOTHER GROUP PRCHASE ON LDG ANTENNA TUNERS!!!!!!

<<<for more info on the products, check [<http://www.radix.net/~ldg>](http://www.radix.net/~ldg)>>>

NEW!!! Note the inclusion of ASSEMBLED units!!!

QRP tuners \$85 (reg \$100)
QRP enclosures \$25
QRPs ASSEMBLED! \$139 (reg \$159)

AT-11 tuners \$127.50 (reg \$150)
AT-11 enclosures \$30

AT-11s ASSEMBLED! \$190 (reg \$219)

The enclosures are made by Ten-Tec and are VERY nice indeed.

All prices are PLUS SHIPPING (under \$10 in nearly all cases).

The purchase will open NOW and will close promptly at 5 a.m. Eastern time on SATURDAY, APRIL 5, 1997.

Here's how to order:

- 1) E-mail me or CALL me with WHAT YOU WANT.
- 2) I need a phone number as well as UPS-able address (no PO Boxes) if you need it to go via USPS, tell me.
- 3) I'll tell you the amount to send, and please send it ASAP.

Since I have to make a bulk order, you pay me, I make order, I spend hours sorting and boxing, and I send to you.

The last purchase totalled an AMAZING 101 tuners and 76 cases!

I look forward to this one being smaller =-)

REMEMBER, IT CLOSSES SATURDAY, APRIL 5, 1997, 5 a.m. Eastern time

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [16033] Lessons Learned - MFJ 9020
Message-ID: <970330000541_70511.3041_IHD36-3@CompuServe.COM>

Ron:

Thanks for posting this helpful info to the reflector. Even though I don't personally own a 9020, your taking time to post is a welcome sign of how committed we QRPers are to help each other.

Thanks again and Happy Easter!

72/73,

--Doc/K0EVZ qrp-1 861 mn-qrp 19 nj-qrp 69 ak/qrp 139 cqz norcal arrl

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: Bill Urie <burie@linknet.kitsap.lib.wa.us>

Subject: [16107] MFJ9020

Message-ID: <Pine.SUN.3.95.970330154603.16886A-1000000@linknet.kitsap.lib.wa.us>

FOR SALE MFJ 9020 CW 20M QRP TRANSCEIVER

WORKS GOOD. \$100 plus shipping.

BILL W7XV

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: af852@rgfn.epcc.Edu (William R Colbert)

Subject: [16059] New QRP+

Message-ID: <9703300515.AA18621@rgfn.epcc.Edu>

Interesting to see the new info on the QRP+. In the information, was there any indication of an RF stage being added for additional sensitivity at 20 meters and above> ?

In answer to someone's question about 15 meters being open - sure did not sound like it on my QRP+, but I just got a MFJ2040 1040B preselector to run ahead of the Plus. In trying it on 15 one morning, no signals were heard at all, turned on the 1040 and there was an OA4, LU1, PV* 8 and a couple of C0 stations. Time to start checking a bit more closely on 17 and 15 meters.

72/73

Ray

--

Ray Colbert, W5XE, SOWP 1064M, OOTC 3618, FISTS 2146

El Paso, Tx

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Steve Bornstein <sabornsb@freenet.columbus.oh.us>
Subject: [16044] Ohio on air
Message-ID: <Pine.3.07.9703292134.A26836-71000000@login>

G'day All,

Ohio is going on the air at 0207z @ 7035 +/-.

73, Steve K8IDN

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [16041] On the air....
Message-ID: <19970329.170825.2670.0.w7rfm@juno.com>

Any one need Wa. I am on 7035 +/- till 0150 UTC

John W7RFM

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: ericvia@why.net (Eric Via)
Subject: [16101] OOPS! - Me making noise and other things
Message-ID: <v01520d00715044b200f8@[207.211.121.23]>

Folks,

I guess being a new Ham and new CW Op I'm expected to make mistakes - but I made a whopper of one today!

I had just finished my 10th QSO with my HW-8 on 7030, and signed off.

I then put down my headsets and started messing around on the internet some.

About 10 mins later I pick up my headsets to try another contact and find someone's got a steady carrier there..I then realized it was ME! The bar on my key was somehow slid over! OOPS!

I felt bad about that! I guess I learned - when not on the radio -

turn it off!!

Now what if I had been REALLY silly and not noticed this situation for say 2-3 hours? Would I have been in trouble?

BTW the guy I just copied in KY - he said he was running ...
(I THINK he said) 700 WATTS!! SEVEN HUNDRED!!

I told him I was pushing out 4 Watts and he gave me 559 - seems kind of funny me talking with him so very far away with 4 and him way up there at 700!

He told me he read me fine for QRP (Not bad for my attic job eh!? - Nine states so far!) - and that it was fine, but added that in these days of band conditions QRP will not cut it.

Hmmmmmm....

Also I'm starting to see that some folks sure go overboard with their CQ'ing!!! One cat was on for about 30 full seconds calling CQ!! (zzzzzzzzzz put me to sleep will ya! I heard your callsign the first 10 times but it's getting boring!)

Perhaps like in the "real" world - some folks just talk just to hear the sound of their own voice!?

: -)

72 Eric "Noisy" Via AD4SS
Wylie, TX

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [16032] QRP Activity on 15m?
Message-ID: <970330000533_70511.3041_IHD36-2@CompuServe.COM>

Mark:

>> Hi gang,

Is there any QRP activity on 15 meters? I've been there (21.060 and 21.110) listening and calling CQ, but no answers. I know the sun spot

god has not been kind of late, but I would think I should hear something, even if it is only a QRP signal. I'll keep trying.

Best regards,
Mark Saunders -- KJ7BS
Glendale, Arizona <<

I have only heard 15-metre activity two days since the first of the year. Of course, I am not on the air all day, so this is no scientific sample! But one of those days netted me Hawaii with my ARGO into a window at 27 feet.

Can hardly wait for the sunspot cycle to really swing in!

72/73,
--Doc/K0EVZ qrrp-1 861 mn-qrp 19 nj-qrp 69 ak/qrp 139 cqc norcal arrl

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Subject: [16057] QRPP back issues
Message-ID: <199703300509.AAA07859@aus-b.mp.campus.mci.net>

I want to make sure I send Doug enuff \$ for the 95 & 96 back issues. Is the US shipping \$3 for 1-3 *magazines*, or 1-3 *years*. I'm just a lil tripped up on the definition of "issue". Sri.
And are all 4 years still available?
tnx... rich

Rich Dailey - KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH Web - www.qsl.net/ka8okh
qrp-1 #933 ars #223 amsat #11900

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [16038] T2FD and the "BATWING 50"
Message-ID: <19970329.194306.4679.0.wb2vuo@juno.com>

Thanks to AC4GT for dredging up a 30-year-old memory. Back in the

1966/67 era, not sure which, Electronics Illustrated had an article for the CB'er amongst the readers called "The Batwing 50". It was an article for a covert, indoor antenna for the CB'er with "neighbor problems". The claims were as follows:

- 1 - A low SWR on ALL 23 channels
- 2 - An even radiation pattern on ALL 23 channels
- 3 - Low, or no TVI
- 4 - Uniform gain on ALL 23 channels

What the Batwing 50 consisted of was a couple of pieces of cardboard, about 1 ft x 2 ft each. A pair of "batwings" were cut from aluminium foil, and glued to the cardboard. The pieces of cardboard were then taped, or thumbtacked to the outer wall of you radio room. A 20 foot length of RG-58 was prepared by putting a PL-259 on one end, and stripping the other end, tinning the leads to form a pair of 2 inch long leads. A pair of 100 ohm, 2 watt carbon resistors were soldered in parallel and connected across the prepared leads, with 1 inch of each resistor left sticking out. A large straight pin, or a small awl was used to make a hole in each of the wings, and the leads were crimped to the foil seeing that it wouldn't take solder. Run the coax to the radio, and you are ON THE AIR!!!

If you look at this, you will quickly see that you have a 50 ohm/4watt dummy load, connected to a pair of 2 foot "wings", not a great antenna at all. BUT...

- 1 - The SWR is GREAT!
- 2 - The radiation pattern is uniform!
- 3 - TVI is nil to none!
- 4 - Gain (or lack of gain) is UNIFORM!

All the claimed specs are correct :-)

I knew of at least a dozen of these that were made by people that thought the article was SERIOUS, and a local dealer in Syracuse even packaged up his version and sold it for \$5.95 each...

PT Barnum was right...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),
ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group

Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam
Email - wb2vuo@juno.com

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: n4so@juno.com (CHARLES K BROWN)
Subject: [16106] Tektronix scope for sale
Message-ID: <19970330.173257.4319.0.n4so@juno.com>

Type 602 Display Unit
This Tektronix scope is a working scope that was used to monitor Amtor signals. The back of the unit has inputs for X and Y inputs and Intensity. A sticker on the front says it was calibrated in 1976. It looks like it might have been a Lab instrument. It is 6 inches high, 8 inches wide and 17 inches in length.

\$100 or best offer.

Ken Brown, N4SO
QTH near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w8lrm@qtm.net
Subject: [16086] Ten Tec Power Supply and Calibrator
Message-ID: <199703301926.0AA28625@garcon.qtm.net>

Did Ten Tec make a matching Power supply and Calibrator for the Argonaut 515 ? I have a 515 with matching Filter but there was no Ten Tec power supply and the calibrator was the tan or beige color like the 509 and PM-3.

Thanks

.....de....W8LRM.....Al

MI-QRP #41 QRP-L #532 QRP-ARCI #6524

G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w8lrm@qtm.net
Subject: [16085] Ten Tec Prices
Message-ID: <199703301922.0AA28429@garcon.qtm.net>

Hi gang
Does anyone have a current list of prices for
used Ten Tec QRP stuff ?? Its been quite a
while since it was posted and my file has gone
somewhere !!!

Thanks

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w8lrm@qtm.net
Subject: [16094] Thanks and WTB
Message-ID: <199703302051.PAA02758@garcon.qtm.net>

HI Gang

Thanks to Bob, Paul and Walt for the replys to my questions.
There was a list sent out last year that had about all of the stuff
that Ten Tec had made. Starting, I think, with the little moduals
that one could assemble into all sorts of qrp radios. It listed the
current values for the older products. A couple of us in the local
area have some of the older stuff and are wondering its value.
Some of the units involved are, Argonaut 509, Argonaut 515,
RX-10 and a PM-3B.

I did have a copy stored in the machine but lost it before I got it
onto a floppy. CRS, you know !!

Thanks, hope all had a good Easter.

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [16063] These antennas shouldn't work, but ...(long).
Message-ID: <Pine.OSF.3.96.970329230752.9761A-100000@moe.cc.utexas.edu>

Hey gang,

I had a fun Saturday experimenting with antennas and wanted so share some of my experiences. All of my experiments fell under the cateogry of, there was no good reason why the antenna should have worked at all, but I made a contact anyway.

For example,

Only a fool would load a full wave 40 meter delta loop on 20 meters and enter the WPC SSB contest with a 3 watt signal. Snagged 4B1AC (Mexico) on my first call with a 59 report. (OK, so Mexico isn't very far from Texas, but I was proud of it anyway!!!).

I wired together a "Field Day Special" 2 element 20 meter wire beam as posted to the list a couple of weeks ago, by K10J(?) -Owen in Houston. Wired the "wrong" end with the feed line and "pointed" my signal right out to the Gulf of Mexico. Not only that, I didn't have any trees to connect the ends of the antenna to, so I just laid it out on top of the wood shingles on the roof of the house. If ever the odds were stacked against an antenna working this was it. I heard KC7FWZ (Terry) in Tempe, AZ calling CQ and again, I got him on my first call. He was 579 and he gave me a 569 and we carried on a rag chew for about 20 minutes on 20 meters. Makes me wonder what this antenna could do if I got it up in the air and pointed in the right direction?

What really made my weekend is that I used a 16 foot section of electrical conduit leaning against the side of the house (ground-mounted) with 4 radials (a foot wide wire netting) and contacted K1FK (AL)...my first New Hampshire contact. Got what was for me, a rare state. The vertical is mounted "below" my house in a fairly deep ravine surrounded by trees and steel I-beams that hold up my house. Only the top 4 feet of the antenna rest against the house. No reason for it to work, but it did. I only got

a 339, but we carried on a rag chew for about 25 minutes.

The last two contacts were made with my NW20 and Super T tuner. The SSB contact was made with Dave Benson's White Mountain 20 (See April QST) and the Super Tee.

I guess the moral to this story is, don't wait for the perfect antenna system to have fun. Experiment, get on the air, make the best antenna you can and you can still make lots of contacts. Sure, I would like to have a 2 element Yagi at 120 feet for my 40 meter contacts, but you'll find me ice skating in hell before I get that antenna system going on this city lot:-)

Hope your weekend was as much fun as mine.

Gary, KJ5VW

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Genevieve A. Winkler" <GDWinkler@compuserve.com>
Subject: [16069] Tuner for balanced line
Message-ID: <199703300846_MC2-137A-28E5@compuserve.com>

"John Kirk, VE6XT wrote:

>I once read of a really cool idea to use a single-ended tuner on on
>balanced line:
>Ground the rig.
>Don't ground the tuner.
>Install a bead balun between the rig and the tuner. These are the ones
>made by stringing multiple toroids over a piece of coax.

>The idea being that, coming off a balanced feed, half of your returned RF
>would love to visit you via the ground. Because of the choke bead balun,
>it can't so, goes up the spout for another shot at the antenna.

>I haven't tried it, but it sounds doable. The case of your tuner would be
>hot with RF, but most of us live with that now, due to suboptimal grounds
>anyway.

In other words, let the tuner float at some rf potential and do its job.
I first saw this idea in a little piece by Zack Lau in QST about 6 or 7 yrs ago.

If you are trying to do this with the AT-11 automatic tuner, you will also have to rf-isolate the power leads (both + and "ground") with some rf chokes. Should work just fine. Let the tuner "float". I wouldn't recommend this at QRO levels, however. You might get an rf burn when you reached to tune the tuner! Also note that you might get some funny hand capacitance effects when you tune, so an automatic tuner might have an advantage!

Dan Winkler N7IVR SEattle WA

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [16051] Value?:Dentron SuperTuner
Message-ID: <970330032104_70511.3041_IHD79-1@CompuServe.COM>

Gang:

Does anyone know the value of a "Dentron SuperTuner"? I have a chance to get one, though regretfully it has no manual or spec sheets. Any help will be appreciated.

P.S. Happy Easter, everyone.

72/73,

--Doc/K0EVZ qrp-1 861 mn-qrp 19 nj-qrp 69 ak/qrp 139 cqc norcal arrl

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [16100] Want to Trade FT-10R
Message-ID: <199703302227.0AA27294@sierra.psnw.com>

Friends,

I have a Yaesu FT-10R 2-Meter handheld that I would like to trade for something I will use. If you're not interested in a tiny, high-end HT, hit the delete key now.

I bought this rig at Dayton last year in hopes my XYL would fall in love

with its tiny size and get her license. No luck. It has been used for less than two hours. The rest of the time it has been stored in a desk drawer in a padded envelope. The rig comes with the FTT-10/A16D (high end) keypad, FNB-41 (5-watt) Ni-Cad battery, NC-60B charger, FBA-15 Battery Case (holds 4 AA cells), manual, schematics, original box etc. It is in absolutely perfect condition, not a scratch or blemish anywhere. Features include:

Power output 5.0, 2.8, 1 & 0.1 Watt, selectable
99 memories
DCS & ARTS
CTCSS Tone Encoder
DTMF Keypad
Keypad Frequency Entry
CW ID
CTCSS Tone Squelch
Paging & Code Squelch
DTMF Autodial memories
Dual VFOs
Extended receive range

What do I want? Well, I'm pretty flexible. QRP gear, of course. Anybody have an Argonaut 509? How about some test equipment? I also like digital (RTTY, AMTOR, PACTOR, etc.) I'm pretty flexible.

I will collect offers for several days. I reserve the right to accept (or reject) any offers as I see fit. Please state full description and condition of anything offered in trade.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [16053] Wanted to Buy - Kenwood
Message-ID: <19970329.213204.7751.1.kb0rol@juno.com>

WANTED

I am looking to purchase either the Kenwood YK-88C or YK-88CN 8.83 MHz IF filters for the TS-830S.

Email me direct at either:
KB0ROL@JUNO.COM or
BMUG@GWL.COM <==== Best
or at BOTH.

Thanks,

de KB0ROL, Brad

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Carol N. Wright" <cnw@HiWAAAY.net>
Subject: [16078] Which rig?
Message-ID: <Pine.OSF.3.94.970330102951.25658B-100000@fly.HiWAAAY.net>

Hey Gang,
I am working on getting another QRP rig. I am going to get it for 20 meters. I am thinking of either the Emtech rig or the GM-20 from NN1G, Dave Benson at Small Wonders Labs. I like the look of the rig on the Emtech casing, which with either rig I'll get the case and enclosure case, I'm not too good yet with cases, takes time I guess. I also like the look of the pcb of the GM-20. I couldn't see the case for the GM-20, I wrote Dave to see if there was such a case set for the GM-20. So, any responses, suggestions of these two rigs, even if you prefer another rig? Please write to me direct or if you feel the group will benefit from the message, just write it to the list. I already have the SW-30-40 and I really enjoy it, I'm sure that the GM-20 will be the same, also if I get the Emtech, it will be my first Emtech rig. I've heard a lot of good things from both. Thanks a lot. Keep those PA's warm. Best 72 DE Matt, AE4JM

--

JCARC--ARCI 9178--ARRL--ARRL ORS--Ten Ten 66932--VP 2855--WAS
Matt Wright, ph. (205)228-6547, packet: AE4JM@K4BFT.#HSV.AL.USA.NA
email: cnw@HiWAAAY.net snail mail:8679 Co. Rd. 19, Section, AL 35771
Rigs built: Ramsey mini rcvr-40mtrs, NC38S, SW30-40, NC49'er, NC40A with KC1

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: w8lrm@qtm.net
Subject: [16095] Whoooooops Forgot to include the WTB
Message-ID: <199703302103.QAA03377@garcon.qtm.net>

WTB.....The matching power supply for the Argonaut
515. Understand the model # is 210. Please reply by
e-mail with the details. Thanks

MI-QRP #41 QRP-L #532 QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

Last year I got started too late to do anything with TMPS, but this year could be different with WIMPS. I hope to put in a reasonable amount of time with it, and would like to have my results show something for the effort. Anybody got some good ideas on keeping records so you can accumulate meaningful figures? Should I keep separate logs for each band....or just one log and then do some duplicate entries later? What data do you accumulate....besides the bare bones stuff...do you keep track of the rig being used by the folks you work, their power, their antenna, what? I would like for the records to be something I can look back on next year and enjoy.

KQOI @ W0AK.#CIA.IA.USA.NOAM e-mail: mark.milburn@cybrtech.com
ARRL - DMRAA - QRP-L #625 - NORCAL #1829 - ARS #139 - NW QRP #418
QRP ARCI #9226
WIMPS 0s=000, 30m=00, 17m=00,12m=00,States=00,DX=00

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: N3BJ@aol.com
Subject: [16080] WTB: 10:1 scope probe
Message-ID: <970330120644 -1135375041@emout18.mail.aol.com>

Anyone have an extra pair of 10:1 scope probes to part with ??

Please reply via EMail.

Alan, N3BJ

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Brian K7ON Short <ke7gh@primenet.com>
Subject: [16083] WWW Updates (new call)
Message-ID: <3.0.1.32.19970330173030.006e15a4@mailhost.primenet.com>

As you know, my vanity call is K7ON, but I am facing
a monumental task changing my call in numerous places
(especially software).

Anyway, my new "primary" WWW site URL is:
<http://www.qsl.net/k7on>
--> <http://www.qsl.net/k7on/qrp.htm> <-- qrp specific

I will maintain my previous URL(s) for the foreseeable
future with at least a forwarding link.

PLEASE *PLEASE* *PLEASE* *PLEASE*
Send any QRP URLs which you think should be included.
They will be inserted on the *next* update cycle...
(personal, publishers, books, kits, equipment, whatever)

**I prefer to just include links rather than duplicating
the wonderful work of others, but I will put any original
suggestions on there pronto from photos or video tape etc**

Don't want to exclude anyone unintentionally or otherwise.

73, Brian k7on@qsl.net

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Paul Stroud <aa4xx@amsat.org>
Subject: [16091] [Fwd: KL Pages update]
Message-ID: <333EC6CD.60ED@amsat.org>

Dave Johnson wrote:

>
> Hi gang!
>

> By sending a letter to the rtpnet director, Judy Hallman, and making some
> changes and enhancements to the KnightLites web pages, we were able
> to have Ms. Hallman add links to the KL pages into rtpnet pages. The
> changes included a requirement for listing a regular post office address of
> a leader of the group on the organization's home page and providing links
> to
> rtpnet home page and our home page from our individual pages.
>
> As a result of this work, links to the KnightLite home page can be found
> by following the links from the rtpnet home page:
>
> <http://rtpnet.org>
>
> Choose the category "Arts, Entertainment, and Recreation", which takes
> you to:
>
> <http://rtpnet.org/rec/rec.html>
>
> Choose "Radio and TV", which takes you to:
>
> <http://rtpnet.org/rec/rad-tv.html>
>
> and you will see the KnightLites listed under the subcategory
> "Global: Amateur Radio".
>
> There are other links from rtpnet pages to the KL home page too!
>
> These changes will make it easier to maneuver among the various KnightLite
> pages (through the links back to the home page at the end of each page) and
> will give us more visibility (through the links to rtpnet pages).
>
> Other recent additions to the KL pages include a link to the Portsmouth
> page (thanks to Paul AA4XX) from the KL Activities Page, and many
> additions to the radio links page.
>
> As always, I urge you to please help me keep the KL roster page updated
> with your current info !
>
> Thanks and have fun!
>
> 72,
>
> Dave
>
> David W. Johnson, Ph.D. QRP ARCI 6546
> Amateur Radio Extra WA4NID G-QRP 4864
> email: djohnson@acpub.duke.edu NorCal 355
> packet: WA4NID@WR4AGC.#DUR.NC.USA.NOAM TSRAC 3482

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Paul Stroud <aa4xx@amsat.org>
Subject: [16099] [Fwd: QRP ARCI web pages update]
Message-ID: <333EE853.24ED@amsat.org>

Dave Johnson wrote:

>
> Hi gang!
>
> Check out the new improved QRP ARCI web pages at:
>
> <http://rtpnet.org/~qrp>
>
> By sending a letter to the rtpnet director, Judy Hallman, and making some
> changes and enhancements to the QRP ARCI web pages, we were able
> to have Ms. Hallman add links to the QRP ARCI pages into rtpnet pages.
> The changes included a requirement for listing a regular post office
> address of a leader of the group on the organization's home page and
> providing links to rtpnet home page and our home page from our
> individual pages.
>
> As a result of this work, links to the QRP ARCI home page can be found
> by following the links from the rtpnet home page:
>
> <http://rtpnet.org>
>
> Choose the category "Arts, Entertainment, and Recreation", which takes
> you to:
>
> <http://rtpnet.org/rec/rec.html>
>
> Choose "Radio and TV", which takes you to:
>
> <http://rtpnet.org/rec/rad-tv.html>
>
> and you will see the QRP Amateur Radio Club International listed under
> the subcategory "Global: Amateur Radio".
>
> There are other links from rtpnet pages to the QRP ARCI home page too!
>
> These changes will make it easier to maneuver among the various QRP ARCI
> pages (through the links back to the home page at the end of each page)
> and will give us more visibility (through the links to rtpnet pages).
>
> Other recent additions to the QRP ARCI pages include net and contest

> schedule updates, updates to the "who to contact" page, the addition of
 > a new "QRP ARCI FDIIM page" for Dayton info, a "Fall ARCI contest
 > summary" page, and many additions to the radio links page.
 >
 > As always, I urge you to please help me keep the QRP ARCI pages updated
 > by providing YOUR input!
 >
 > Thanks and have fun!
 >
 > 72,
 >
 > Dave
 >
 > David W. Johnson, Ph.D. QRP ARCI 6546
 > Amateur Radio Extra WA4NID G-QRP 4864
 > email: djohnson@acpub.duke.edu NorCal 355
 > packet: WA4NID@WR4AGC.#DUR.NC.USA.NOAM TSRAC 3482

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
 From: Brian K7ON Short <ke7gh@primenet.com>
 Subject: [16042] Re: ** SG-2020 Group Buy Forming **
 Message-ID: <3.0.1.32.19970330020449.006b4200@mailhost.primenet.com>

MUCH interest in the group buy! Below are requested specifications.
 Please continue sending notes indicating interest for a total to be
 presented to SGC preliminarily (*NO* obligation). \$595 US list.

-Brian k7on@qsl.net (602)839-3484

--

Specs for SG-2020:

Technical Features of the Model SG-2020 Transceiver

General coverage receive in USB, LSB, and CW

Transmit in amateur bands from 1.8 to 29.7 MHZ including MARS

Export version capable of general coverage transmit

User friendly SPLIT, RIT and XIT functions

20 memories

Passband tuning

Sensitivity better than .3uV

Intermodulation +15dBm 3rd order intercept

Tunable bandpass from 100 Hz to 2700 Hz

Built-in Noise Blanker

RF gain control

Synthesized BFO

Total consumption in Receive mode; under 200mA

Transmitter power adjustable from 0 to 20 watts PEP output, with

efficient operation at 5W
Built -in IAMBIC keyer
True RF Speech Processor and VOGAD baseband processing
Built-in SWR metering
10 ppm stability to 35 degrees C.
Backlit display
RS-232 hardware interface
Approximate weight:24 oz.

Notes:

- 1.Meets all applicable FCC and EC requirements for spurious emissions
- 2.In addition to the features herewith, all specifications of the Model SG-2020 will meet or exceed those of the QRP PLUS transceiver
- 3.Specificaitons subject to change without notice
- 4.Product available tentatively September 1997.

--

Brian Short 1994 E Laguna Dr Tempe, Az 85282 (602)839-3484 k7on@qsl.net

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Wayneb1103@aol.com
Subject: [16103] Re: 38S in need
Message-ID: <970330175052_181776166@emout16.mail.aol.com>

In a message dated 97-03-30 14:56:38 EST, you write:

<< Wayne,

Your D1, D2 voltage measurements are OK. Ori's voltage table is wrong.

Your other voltage measurements sound OK too. I'd say your receiver checks out OK.

Perhaps your transmit side is ill. Hope the new HC240 helps.

>>

About an hour after I sent the post I realized that. I just had a bunch of people on this list explane to me how diode switches work and I should have reconized that I needed a bias voltage there. Oh well, so much for the power of the written word.

Thanks

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Dave & Connie Matthews <dmatt@Frontiernet.net>
Subject: [16043] Re: 50/40/30 Schedule
Message-ID: <199703300148.UAA32338@node1.frontiernet.net>

>>Don't forget!

>>Fifty States on 40 and 30 coming up:

>>April 1 (local US date) Colorado Marshall W0CQC (special call!)

>>April 3 (local US date) New York Mark N2VPK and Rick WZ2T

>>times, as usual, are (UTC):

>>0000-0200 30 meters

>>0200-0400 40 meters

>>Enjoy!

Me too! Me too! On April 3 look for me at about 7.112. If the band is really crappy at that time (normal here) I will slide down to the 7.106-7.108 region.

The rig will be an Explorer 2 into a dipole at about 25 feet.

We Tech+ types need WAS too. There may even be a neat card in it if I get the time to play with that huge color laser printer at work.

Dave
KB2YWT in Retsof, NY (find that on the map)

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Doug <doug@sunrise.alpinet.net>
Subject: [16035] Re: ARRL CD-ROM
Message-ID: <333DB149.6505@alpinet.net>

Ed....dont feel bad...I agree with you. It's hard to beat the good old hard bound book that lays on the bench, collecting parts, clippings, solder balls and general flotsam/jetsam from the shop. I'm aware the League is no doubt bowing to economic pressure that'll make the CD more

economical to produce. I guess this is the future catching up with us, but I'm not sure this is the "better" way to go.

Good Luck and 73

Doug, K7YD
Livingston, MT

ed miller wrote:

>
> Marty & gang;
> The XYL got me the CD-ROM version of the Handbook for a Christmas
> present. It seems very good and the look-up or search feature is handy.
> Several new items are good as is the editable print feature. You can cut
> and paste info you are interested in and print only what you want, a nice
> reference feature. I had a problem with loading the enclosed software.
> After loading the software I got a command to insert installations disc
> 1. There is no disc 1 included and after four phone calls to ARRL I have
> decided to use this as a learning experience, which of course will be
> applied to future purchases.
> All in all, the CD is nice and quite handy but some how it is not
> the same as using a book. I suppose this says more about me than it does
> about the book.
>
> 73 from ED KC4MHM@juno.com

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Ed Manuel" <n5em-qrp@msn.com>
Subject: [16079] RE: ARRL CD-ROM
Message-ID: <UPMAIL06.199703301650280684@msn.com>

Gang,

One reason I love the CD Handbook is that I can print out JUST what I want to have lying on the workbench. When I am done making notes, writing on it, etc., I can put it in a notebook or just throw it away.

Also, if you have to travel a lot, imagine having 30 years of QST AND the Handbook with you.

Ed, N5EM

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [16046] Re: Balanced Tuners
Message-ID: <19970330.014022.4599.2.k5zty@juno.com>

AMEN Bro. Tim.

72,
Bill, K5ZTY
Houston, TX
k5zty@juno.com
WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Stanley Wilson <microres@crl.com>
Subject: [16040] Re: balun winding help
Message-ID: <Pine.SUN.3.91.970329170322.29153A-1000000@crl9.crl.com>

Same number of turns. de stan ak0b

On Sat, 29 Mar 1997, John Dorson wrote:

> hi gang.
>
> i have an ft50-43 core which i want to use for a balun just like the one]
> used in the slt. i need 12 turns of #26 wire which i can't fine in my wire
> supply
> but i do have #24. my question is how many turns of #24 wire would i need to
> duplicate the slv balun...
>
> Thank You
>
> John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
> E-Mail To: jdorson@bbs.mpcs.com
>
> | Trying for WAS - AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
> | and worked these: MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
WI
>
> K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672
>
>
>

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: hal <hcking@acssun.pstcc.cc.tn.us>
Subject: [16082] Re: Digital vs. Analog O'scope
Message-ID: <Pine.GS0.3.95.970330131423.23679B-100000@acssun>

As long as we'er talking about it, is there a kit or schematic plans to build a O'scope?

hal

+++++++ Codea, Compilea, Coredumea ++++++++
I coded, I compiled, I coredumped.
-...uhhhh ummmm oh yea, _I_ said that!
hcking@acssun.pstcc.cc.tn.us

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Stanley Wilson <microres@crl.com>
Subject: [16087] Re: Digital vs. Analog O'scope
Message-ID: <Pine.SUN.3.91.970330111517.25224A-100000@crl8.crl.com>

Check the older arrl handbooks. It can be a lot of fun and a good learning experience. You can get all the parts you would need from Fair Radio Sales . I am reworking a scope built for RTTY tuning many years ago to monitor 800 hz BPSK signals. Get the CRT first (3bp1, 5bp1, or similiar) then build the power supply around it. Very little current is needed. Need some got variable resistors (pots). It is a easy week end project. Also you can pick up old scope for \$5 at most hamfests. ask at the local ham club meeting and someone may give you one.

After you have built one, you will know what you want in a scope when you buy a nice one.

de stan ak0b

On Sun, 30 Mar 1997, hal wrote:

> As long as we'er talking about it, is there a kit or schematic plans to
> build a O'scope?
>
> hal

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [16098] Re: First "real" 38S contact
Message-ID: <199703302203.RAA19602@nss2.CC.Lehigh.EDU>

Bruce,

Check out my web site and see what contacts I have made with my "stock"
38S. Yes you can make contacts with it at 300mW or so !!

73,
Steve Hurst
KA7NOC
<http://www.magiclink.com/web/shurst/reviews.html>

(SNIP)
Could 350
> milliwatts be heard beyond the county line?
(SNIP)
> Is anyone else out there using the 38S in its original
> configuration and, if so, what kind of results are you getting?
>
> 72
>
> Bruce, KG8YT
> Marquette, MI
>
> --
>
>
>

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [16047] Re: Got the new kit bug.
Message-ID: <19970330.014022.4599.0.k5zty@juno.com>

Jess,

Try building something from a schematic this time instead of a kit.
Stuffing parts onto a PC board per 1,2,3 instructions is sort of like
paint-by-number art. It's fun for a while then you need to stretch your
talent a little. Find a rig or a piece of test equipment project in
schematic form and start rounding up the parts and making the PC boards
and building it from scratch. It's amazing how much planing and thinking

you have to do when no one has worked out all the details for you.
That'll keep you occupied for a while.

72,

Bill, K5ZTY

Houston, TX

k5zty@juno.com

WITHOUT CW, IT'S JUST CB

ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440

QRP-L 473

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: "M. Monninger" <markem@primenet.com>

Subject: [16049] Re: Handbook vx. CD-ROM

Message-ID: <3.0.1.32.19970329200717.00957ae0@pop.primenet.com>

At 10:06 PM 3/29/97 +0000, you wrote:

>It would seem that it is complete text and pictures. I picked up the 1995
>ARRL Periodicals CD-ROM last year. It is a complete QST QEX and NCJ. I
>thought that it was going to be great, but after "cruising" it for a couple
>hours and several times since, I'd rather drag the magazines out. With the
>CD-ROM you can't see the diagram and text at the same time like you can with
>the paper copy. ...

And another drawback to the CD-ROM...how many of us have a computer in the
bathroom????...

(I gotta give credit to AI7R for this...)

73... Mark AA7TA

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: DYARNES@aol.com

Subject: [16058] Re: Handbook vx. CD-ROM

Message-ID: <970330001456_-1202516937@emout07.mail.aol.com>

In a message dated 97-03-29 22:51:15 EST, markem@primenet.com (M. Monninger)
writes:

<< And another drawback to the CD-ROM...how many of us have a computer in the
bathroom????... >>

I got the computer---problem is, no 'lectricity!

de W7AQK

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: kt3a@juno.com
Subject: [16037] Re: Organic Core Solder
Message-ID: <19970329.191713.5343.9.kt3a@juno.com>

Brian,

We use a product called "De-Solvit".
It is also good for removing gum label
residue. We use it when cleaning fiber
optic direct buried cable. Neat stuff,
but citric acid is highly corrosive too.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

On Sat, 29 Mar 1997 15:45:03 -0800 Brian Chesire
<BCChesire@worldnet.att.net> writes:
>The organic flux used in this solder is based on citric acid. It was
>originally developed by Hughes Aircraft (HS301), as an enviromentally
>safe flux, ie. doesn't require CFC's to remove it.
> However: It is not soluble in alcohol. Any residue will
>eventually
>cause problems. If you used drug store alcohol you're probably alright
>since it usually has between 10 and 30% water in it.
> The reccomended removal method is a warm water non-ionic
>detergent wash
>followed by a Deionized or distilled water rinse. We use some kind of
>detergent that smell like oranges, very strong oranges, and call it
>the
>orange julius machine.
>Brian WA5PP0
>
>

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [16045] Re: PCB Flux not Solar
Message-ID: <19970330.014022.4599.4.k5zty@juno.com>

Steve,

For flux removal use the 91% isopropyl alcohol that can be purchased at most pharmacies for about \$2.00 per pint. Be sure to get the 91% and not the 70% that sold most commonly.

The 91% stuff is what the Dr. uses to wash your arm off with before giving you a shot.

72,

Bill, K5ZTY

Houston, TX

k5zty@juno.com

WITHOUT CW, IT'S JUST CB

ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440

QRP-L 473

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: kd7s@psnw.com (Bill Jones)

Subject: [16081] Re: Solder Paste for Small Loop Antennas

Message-ID: <199703301754.JAA14062@sierra.psnw.com>

Friends,

Dave Heller's comments are absolutely must-reading for anyone contemplating the construction of a small diameter transmitting loop antenna. He is 100% correct. I have been guilty of using NoKorode myself. However, once a loop is soldered, I take extra pains to clean the solder joint with steel wool followed by a coat or two of high quality automobile wax. It keeps the copper and the solder bright and shiny for quite a while. Of course, there is no telling what is going on inside the pipes themselves.

Thank you, Dave, for your very valuable advice.

>WATCH THAT FLUX!

>Dave Heller, K3TX, Copyright 1997: X-Mitter Vol. 34 No. 2.

>

>(Refer to Building High Performance Small Loop Antennas post by Bill

>Jones, KD7S; QRP-L 12/17/96, kd7s@psnw.com.)

=====

Bill Jones - KD7S <><

Sanger, California

Reply to kd7s@psnw.com

=====

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: bachmann@ari.net
Subject: [16034] Re: T2FD bibliography
Message-ID: <199703300014.TAA22602@mtolympus.ari.net>

On Sat, 29 Mar 1997, "Tj Johnston, N4UYQ" <tjohnsto@erols.com> wrote:
>> Another alternative: Caddock makes non-inductive power resistors (30
>>watts or so) in a T0220 package and in a wide range of values. (I've used
>>50ohm, 1% Caddock resistors to make QRP dummy loads.)

>
>I think a lot of people would be interested in the source of these power
>resistors.... I know I am!!

>72/73,

> Tj Johnston, N4UYQ (Tech+) QRP-L member #1057
> formerly KA4GVW (Novice)
> Ashland, Virginia (Hanover County) FM17
> Richmond Amateur Telecommunications Society
> <http://www.rats.net>
>

My information on Caddock is about a year old. Other than direct from the manufacturer, I do not know where you can get the Caddock power resistors. In small quantity they run between \$6 and \$12 apiece depending on the model.

The Caddock MP 930 is a 30 watt non-inductive resistor in a T0-220 style package. It is a "low cost design". The MP850 is 50 watt version in a T0-220 style with a "copper heatsink integral in the molded package". Any of the T0220 packages (or the T0126 packages) are rated at one or two watts in free air without a heatsink. The heatsink is critical for use at the rated wattage. Mounting to an aluminum chassis would work well.

For the MP 930, some of the values listed are 50, 75, 300, 400 and 500 ohms. I did not see 390ohm for the T2FD. The max voltage is listed at 250 volts.

The company is Caddock Electronics, Incorporated.
Applications Engineering
17271 North Umpqua Hwy.
Roseburg, Oregon
phone: (541) 496 0700

The T0-126 and T0220 case power film Resistors come in %1 tolerance, and values from .02 to 10K ohm. The power ratings run from 15 to 50 watts with the proper heatsink.

73, Rich, N3SLR

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: Randy Hargenrader <randyh@harksystems.com>

Subject: [16073] Re: Tuner for balanced line

Message-ID: <333E7FC2.257C@harksystems.com>

>
> >I once read of a really cool idea to use a single-ended tuner on on
> >balanced line:
> >Ground the rig.
> >Don't ground the tuner.
> >Install a bead balun between the rig and the tuner. These are the ones
> >made by stringing multiple toroids over a piece of coax.
> >The idea being that, coming off a balanced feed, half of your returned RF
> >would love to visit you via the ground. Because of the choke bead balun,
> >it can't...>
> ... In other words, let the tuner float at some rf potential and do its
> job.
>

I use this setup with the OCFdipole (fed w/450 ohm ladder line) at this QTH.
Works great even at QR0(100 watts). I highly endorse this arrangement over a
wound balun transformer. Antenna loads nicely on all bands.

--

73, Randy WJ4P

QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: Bob Kellogg <ae4ic@nr.infi.net>

Subject: [16055] Re: Using an Unbalanced Tuner with a Balanced Feedline

Message-ID: <199703300503.AAA08816@mh004.infi.net>

Hi Dean,

At 01:54 PM 3/29/97 +0000, you wrote:

>Way back, before the dinosaurs got smaller, I used (all homebrew)
>transmitters with balanced outputs. I also used 'true' balanced
>tuners when I got rich enough to afford them. They worked fine.
>
>Now, I use unbalanced tuners with either internal or external baluns.
>They also work fine.
>
>I can't see any difference in signal strength between the two.

Well, you probably can't. We're kind of splitting hairs here. I've been

testing tuners for efficiency, and in the process have discovered that baluns are sometimes the cause of some losses.

For some time I used a St. Louis tuner, and enjoyed it very much. - but I began to have a feeling that I just wasn't getting out quite as well as I should. When I started doing comprehensive tests, it was obvious that the tuner was more lossy than my previous tuner. The difference was as little as 1dB in some cases, and more in others. It was not normally very noticable in signal strength, yet there was a difference. -- But, I'm one of those guys who has to try to squeeze every ounce of juice from a grapefruit.

So, I've been working on tuner efficiency ever since.

>I thought that a balun was simply a transformer, just as a link
>coupling is.

Well, it is, but like most transformers baluns react differently as impedance changes. (even "wide band" ones)

>In addition, most baluns have one side of the balanced
>output connected to the ground side of the unbalanced input. I had
>thought this was to help reduce static buildup on the antenna,
>but I could be wrong.

>Do you know if a balun is something other than a wideband
>transformer?

I'm far from a Balun expert. The interconnecting of windings usually has to do with the baluns ratio, however, ie, 4:1 or 1:1. It may also have the effect of reducing static buildup when there is an earth ground. (maybe someone can comment on that)

Baluns have a design impedance, and they are most efficient at that impedance. Unfortunately, when we use them around Antenna tuners, they are usually seeing something other than their design impedance. A balun operated at, say, 50 ohms impedance may be fairly efficient over a wide band of frequencies. But, if the impedance changes, then it may be less efficient as it faces a wide frequency range.

As someone said, if it works, be happy, and don't sweat the details! I'm going to continue testing tuners and will report the results, so we all will know which are the most efficient. -but, in the meantime, lots of tuner/antenna combinations will enable us to enjoy good contacts.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Hank Kohl <k8dd@contesting.com>
Subject: [16054] Re: Value?:Dentron SuperTuner
Message-ID: <2.2.32.19970330033700.006d7d20@tir.com>

At 10:21 PM 3/29/97 EST, you wrote:

>Gang:

>

>Does anyone know the value of a "Dentron SuperTuner"? I have a chance to
>get one, though regretfully it has no manual or spec sheets. Any help
>will be appreciated.

>

>P.S. Happy Easter, everyone.

>

>72/73,

>--Doc/K0EVZ qrp-1 861 mn-qrp 19 nj-qrp 69 ak/qrp 139 cqc norcal arrl

I have 3 of them, and can photocopy the paperwork that came with two of them. I've paid anywhere from \$40 to \$60, but I am not a "subtle buyer". Have seen them for sale for \$100+, but not sure I'd pay that much - I'd build one first, but for under \$70 it's worth it.

One of them was "in perfect working order". The switch was a mess, but put a new switch in it and works fine now. Not a bad job, and think I have some spare ceramic switches.

Make sure the caps really turn. One of the caps has a plastic shaft to isolate your fingers from getting very warm. They tend to come loose.

I use Dentron Supertuners for QRP radios, and "not so QRP" radios and they seem to match most anything and transfer watts from the radio to the antenna!

73 Hank K8DD

*/	Hank Kohl	K8DD	k8dd@contesting.com
*/	ARRL TS		(k8dd@tir.com)
*/	MI-QRP - Vice Pres.	QRP-ARCI - Director	
*/	G-QRP	ARRL/LM	QCWA/LM QCAO/LM

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997

From: roy lincoln <x5m7v7wl@coastalnet.com>
Subject: [16089] Re: Venting frustrations
Message-ID: <1.5.4.16.19970330144408.1e5f6576@mail1.coastalnet.com>

Hi Ken

I wouldn't let the opinion of the ham in Baton Rouge bother me too much. He has a right to his just as you and i do to ours. His is probably no less or no more valid than yours. Really, in the "Grand Scheme" , what difference do any of our opinions matter?

A few weeks ago i was working a fella in a southern state that voiced the opinion that " if you guys who run low power only had to strain to listen to your own sigs ", blah,blah. I said 73 at the next over and made an "end of Qso" entry. No fuss, no muss, no pain.

In 35 years as a ham i have never heard such a comment, personally. But then i would never have imagined that the world around us would have deteriorated as rapidly and as completely as it has.

The only "opinion" that counts is the right one. I believe it behooves us all to try to find that one!

72/73 Roy WA4DOU < SK >

>
>
>

From owner-qrp-l@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [16093] Re: Venting frustrations
Message-ID: <333ED3D3.6012@earthlink.net>

Many of these "complainers" are just fishing for something to talk about. A couple of Summers ago I was operating QRP SSB from a mountaintop cabin in central Calif. I answered a CQ from a strong station in NY state, and we had a nice chat. He was very interested in my battery power rig, antenna, solar charger, etc. Then, after about 15 minutes, I told him my power level. On the next transmission he started to complain about "you low power guys" and then got downright belligerent about making him do all the work! Up to the point that I mentioned my power level, I was S8, and "great copy". So much of this is just mental...Go figure...

Cheers,
Ken

From owner-qrp-1@Lehigh.EDU Sun Mar 30 18:04:06 1997
From: Wayneb1103@aol.com
Subject: [16060] Re: Where did the bands go?
Message-ID: <970330002716_-1971956541@emout12.mail.aol.com>

In a message dated 97-03-29 03:52:39 EST, you write:

<<
Boy, sure seems the bands are crummy tonight..
80 is extremely noisy, & few signals, >>

20 hasn't been all that great. Nice and quiet but too much qsb. A signal can go from 599 to 339 while calling CQ

Wayne WB7WHI
Spokane, Wa.